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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/632,504	08/01/2003	Donald J. Frasier	6001-963

CONFIRMATION NO. 4391

Woodard, Emhardt, Moriarty, McNett & Henry LLP
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Indianapolis, IN 46204-5137

FORMALITIES LETTER



OC000000012877315

Date Mailed: 06/07/2004

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch). See Figures(s) 53D-E.
 - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 43, 44.

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*A copy of this notice **MUST** be returned with the reply.*

WG

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Donald J. Frasier, et al.

Serial No. 10/632,504

Filed August 1, 2003

METHOD AND APPARATUS FOR
PRODUCTION OF A CAST COMPONENT)

)
) Before the Examiner
) Not Yet Assigned
)
)
) Group Art Unit 1765
)
)
) Our Ref.: 6001-963
)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on

July 21, 2004

(Date of Deposit)

John H. Allie

Name of Registered Representative

Signature

July 21, 2004

Date of Signature

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Commissioner for Patents
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Dear Sir:

Pursuant to the Notice to File Corrected Application Papers dated June 7, 2004, Applicants hereby submit formal drawings. Enclosed is a copy of the Notice to File Corrected Application Papers. Please provide any extensions of time which may be necessary and charge any additional fees which may be due or credit any overpayment to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted,

John H. Allie

Reg. No. 39,088

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